



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Majid ENTEZARIAN et al.  
Title: HIGH CAPTURE EFFICIENCY BAFFLE  
Appl. No.: 10/699,573  
Filing Date: 10/31/2003  
Examiner: Unassigned  
Art Unit: 1724

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document, except as noted below, is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The USPTO has waived the requirement under 37 CFR 1.98(a)(2)(i) to submit copies of U.S. patents and U.S. patent application publications when citing and submitting an Information Disclosure Statements in a patent application filed after June 30, 2003 and in an international application that has entered the national stage under 37 USC §371 after June 30, 2003. Accordingly, copies of these types of documents are not being supplied in connection with this application. Reference is being made to Pre-OG Notice from Office of Patent Legal Administration dated July 25, 2003, *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003.*

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

### **TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

### **RELEVANCE OF EACH DOCUMENT**

Copies of the documents which are not U.S. patents or U.S. published patent applications were submitted in parent U.S. Patent Application Serial No. 10/690,454 filed on 10/22/2003.

The reference entitled "Filter som sätter miljön i första rummet" appears to be a foreign language counterpart of the reference entitled "Filter which puts the environment first." From the figures, the reference entitled "Takmodul med flytande tätning" appears to be related to ventilation systems.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date April 2, 2004

By 

FOLEY & LARDNER LLP

Customer Number: 22428

Telephone: (202) 672-5414

Facsimile: (202) 672-5399

Richard L. Schwaab

Attorney for Applicant

Registration No. 25,479

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Substitute for form 1449B/PTO  
**INFORMATION DISCLOSURE  
 STATEMENT BY APPLICANT**

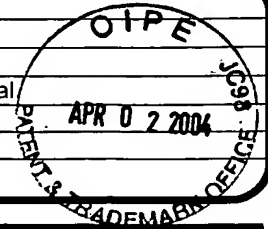
Date Submitted: April 2, 2004

(use as many sheets as necessary)

Sheet 1 of 4

**Complete if Known**

Application Number	10/699,573
Filing Date	10/31/2003
First Named Inventor	Majid Entezarian et al.
Group Art Unit	Unknown
Examiner Name	Unassigned
Attorney Docket Number	065640-0221



**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	6,641,788		Ogawa et al.	11/04/2003	
	A2	US-2003/0164093		Brownell et al.	09/04/2003	
	A3	6,605,648		Johnson et al.	08/12/2003	
	A4	2003/0101986		Maier	06/05/2003	
	A5	US-2003/0024393		Lim	02/06/2003	
	A6	6,468,323		Chwala	10/22/2002	
	A7	6,454,825		Cheimets et al.	09/24/2002	
	A8	6,464,770		Palm et al.	10/15/2002	
	A9	6,432,177		Dallas et al.	08/13/2002	
	A10	6,340,379		Penth et al.	01/22/2002	
	A11	6,293,983		More	09/25/2001	
	A12	6,290,742		Pakkala et al.	09/18/2001	
	A13	6,251,153		Neitzel et al.	06/26/2001	
	A14	6,237,587		Sparling et al.	05/29/2001	
	A15	6,168,651		Tuma et al.	01/02/2001	
	A16	6,165,519		Lehrer et al.	12/26/2000	
	A17	6,095,037		Savage et al.	08/01/2000	
	A18	6,079,407		Lai	06/27/2000	
	A19	6,077,800		Takahashi et al.	06/20/2000	
	A20	6,077,335		Schneider et al.	06/20/2000	
	A21	6,074,177		Kobayashi et al.	06/13/2000	
	A22	6,051,199		Teller	04/18/2000	
	A23	6,042,628		Nishikiori et al.	03/28/2000	
	A24	6,041,772		Ward et al.	03/28/2000	
	A25	6,010,558		Ackland	01/04/2000	
	A26	5,997,618		Schneider et al.	12/07/1999	
	A27	5,976,221		Bowman et al.	11/02/1999	
	A28	5,810,895		Stachle et al.	09/22/1998	
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	A30	5,776,354		Van der Meer et al.	07/07/1998	
	A31	5,766,458		Sekhar et al.	06/16/1998	
	A32	5,750,026		Gadkaree et al.	05/12/1998	
	A33	5,733,350		Muller et al.	03/31/1998	
	A34	5,700,973		Siddiqui	12/23/1997	
	A35	5,693,298		Bar-Ilan	12/02/1997	
	A36	5,632,889		Tharp	05/27/1997	
	A37	5,628,916		Stevens et al.	05/13/1997	
	A38	5,624,875		Nakanishi et al.	04/29/1997	
	A39	5,567,392		Becker et al.	10/22/1996	
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	A41	D373,625		Pereira	09/10/1996	
	A42	5,512,088		McKenzie	04/30/1996	
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Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: April 2, 2004  <i>(use as many sheets as necessary)</i>		Application Number	10/699,573
		Filing Date	10/31/2003
		First Named Inventor	Majid Entezarian et al.
		Group Art Unit	Unknown
		Examiner Name	Unassigned
Sheet	2	of	4
		Attorney Docket Number	065640-0221

U.S. PATENT DOCUMENTS					
	U.S. Patent Document				
	A44	5,486,370	Bivens	01/23/1996	
	A45	5,472,342	Welsh II et al.	12/05/1995	
	A46	5,442,924	Tsai et al.	08/22/1995	
	A47	5,404,799	Bivens	04/11/1995	
	A48	5,384,290	Brezny	01/24/1995	
	A49	5,342,422	Wimbock	08/30/1994	
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	A51	5,209,887	Von Blücher et al.	05/11/1993	
	A52	5,171,720	Kawakami	12/15/1992	
	A53	5,154,743	Takato et al.	10/13/1992	
	A54	5,145,648	Miyahara et al.	09/08/1992	
	A55	5,133,786	Anderson	07/28/1992	
	A56	5,124,177	Kasmak, Jr. et al.	06/23/1992	
	A57	5,087,272	Nixdorf	02/11/1992	
	A58	5,003,693	Atkinson et al.	04/02/1991	
	A59	4,976,760	Helferich et al.	12/11/1990	
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	A61	4,944,782	Rajendran et al.	07/31/1990	
	A62	4,908,050	Nagashima et al.	03/13/1990	
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	A64	4,872,892	Vartiainen et al.	10/10/1989	
	A65	4,816,499	Nomura et al.	03/28/1989	
	A66	4,811,724	Aalto et al.	03/14/1989	
	A67	4,805,525	Bivens	02/21/1989	
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	A71	4,645,605	Durham	02/24/1987	
	A72	4,610,705	Sarnosky et al.	09/09/1986	
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	A74	4,595,509	Fox et al.	06/17/1986	
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	A84	4,126,433	Forssberg et al.	11/21/1978	
	A85	4,118,206	Hagendoorn	10/03/1978	
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	A87	4,082,661	Aoki et al.	04/04/1978	
	A88	4,022,118	Vandas	05/10/1977	

Examiner Signature		Date Considered	
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				<b>First Named Inventor</b>	Majid Entezarian et al.
				<b>Group Art Unit</b>	Unknown
				<b>Examiner Name</b>	Unassigned
				<b>Attorney Docket Number</b>	065640-0221
Sheet	3	of	4		

U.S. PATENT DOCUMENTS					
	U.S. Patent Document				
	A89	3,970,558		Lee	07/20/1976
	A90	3,955,949		Rohrer	05/11/1976
	A91	3,837,269		Sweet et al.	09/24/1974
	A92	3,354,623		Keller	11/28/1967
	A93	1,872,892		Clanton	08/23/1932

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A94	EP	1 238 679		Mazzanti	09/11/2002		X
	A95	EP	0 722 072	B1	Leader et al.	07/17/1996		
	A96	GB	1,255,268		U.S. Atomic Energy Comm.	12/01/1971		
	A97	DE	DD 74 699		Winter			
	A98	GB	1,014,594		Van Products Company	12/31/1965		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>6</sup>
	A99	J. Clark, "Commercial Kitchen Ventilation Design: What You need to Know," Engineered Systems, 01/29/2003, 5 pages.		
	A100	"Filter som sätter miljön i första rummet", airMet Metal Filter, Luftfilter, obtained from website @ www.luftfilter.com, February, 2001, (5 pages).		
	A101	"Filter which puts the environment first", airMet Metal Filter, Luftfilter, obtained from website @ www.luftfilter.com, October, 2001, (8 pages).		
	A102	"Grease-X-Tractor™ Centrifugal Filtration, Grease Grabber™-80 Two-Stage Filtration System, Greenheck, August 2003, 18 pages.		
	A103	Greenheck, Various Promotional Materials, 10 pgs., (date unknown).		
	A104	"Greenheck Takes the Grease Out of Kitchen Ventilation," December 2001, 4 pages.		
	A105	"List Prices Effective January 1, 2000, How to Order Flame Gard Grease Filters", Flame Gard, obtained from website @ www.flamegard.com, (4 pages).		
	A106	Livchak et al., "The Facts Mechanical Grease", American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., Copyright 2003, Kitchen Ventilation / A Supplement to ASHRAE Journal June 2003, (p. K14-K17, 4 pages).		
	A107	M. Sherer, "Clearing the Air," pp. 228-31, Foodservice Equipment Report, June 2003.		
	A108	"Takmodul med flytande tätning", Luftfilter, obtained from website www.luftfilter.com, June, 2001, (4 pages).		

Examiner Signature	Date Considered
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		Attorney Docket Number	065640-0221

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	A109	United Air Specialists, Inc., Promotional Materials for "Smog-Hog," 4 pgs., 2001	
	A110	"We prioritise expertise", Luftfilter, obtained from website @ www.luftfilter.com, February, 1999, (4 pgs.).	
	A111	G. Elliott et al., "The Increasing Use of Ceramic Filters in Air Pollution Control Applications," Filtr. Sep. Vol. 34, No. 4, pp. 331-335, 1997, Elsevier Science Ltd.	
	A112	N. Singh et al., "Process Design and Economic Analysis of A Ceramic Membrane System for Microfiltration of Corn Starch Hydrolysate," Journal of Food Engineering, Vol. 38, NO. 1, pp. 57-67, 1998, Elsevier Science Ltd.	
	A113	J. Clark, "Commercial Kitchen Ventilation/IMC-2000," pp. 1-7 (date unknown)	
	A114	M. VandenBoom, Greenheck Product Presentation, 26 pgs., 10/23/2002	
	A115	Greenheck Promotional Materials for "Grease Grabber-80," 18 pgs., 2002	
	A116	International Search Report for PCT/US02/05753, 7 pages.	

Examiner Signature		Date Considered	
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